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ASSOCIATES,  
INC.

Geoenvironmental Engineering and Technologies

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July 7, 1989

Mr. Neil Thompson  
Environmental Protection Agency  
Park Place Building  
1200 - 6th Avenue  
Seattle, WA 98101

**PROGRESS REPORT  
COLBERT LANDFILL RD/RA  
SECOND QUARTER (APRIL-JUNE) 1989**

Presented herein is the 1989 second quarter progress report for the Colbert Landfill RD/RA Superfund Project (Project). This progress report has been prepared by Landau Associates, Inc. (Landau), Spokane County's engineering consultant, and is intended to address the reporting requirements specified in Section XI of the Project Consent Decree, including:

- 1) A description of Remedial Action activities commenced or completed during the reporting period;
- 2) Remedial Action activities projected to be commenced or completed during the next reporting period (July-August 1989);  
and
- 3) Any problems that have been encountered or are anticipated in commencing or completing the activities.

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## **1.0 ACTIVITIES COMMENCED/COMPLETED DURING REPORTING PERIOD**

A number of activities were commenced and/or completed during the second quarter of 1989. Since the Project was initiated near the end of March 1989, most of these activities are related to Project startup and Phase I design. Specific activities commenced and/or completed during this period include:

- o County/Agency project kickoff meeting held on April 19, 1989;
- o Schedule for Submittal of Deliverables submitted to Regulatory Agencies for review/approval on April 25, 1989;
- o County/Agency technical session (to discuss work plan issues) held on May 12, 1989;
- o Public project kickoff meeting held on May 24, 1989;
- o Health and Safety Plan, Quality Assurance Project Plan, and Phase I Ground Water Monitoring Well Construction Plan submitted to Regulatory Agencies for review/approval:
  - Health and Safety Plan submitted on June 16, 1989,
  - Quality Assurance Project Plan and Phase I Ground Water Monitoring Well Construction Plan submitted on June 28, 1989;
- o Design of Project Support Zone commenced;
- o Process for the selection of the drilling contractor and analytical laboratory commenced; and
- o Property access negotiations for Phase I facilities commenced.

## **2.0 ACTIVITIES PROJECTED TO BE COMMENCED/COMPLETED DURING NEXT REPORTING PERIOD**

As specified in the Schedule for Submittal of Deliverables, the next reporting period will extend through August 1989. It is anticipated that Phase I construction activities will be commenced

during this period, possibly including the initiation of Phase I ground water monitoring well construction. Specific activities anticipated to be commenced/completed during the next reporting period include:

- o Respond to Regulatory Agency comments (if any) for previously submitted work plans (within 30 days of receipt of comments);
- o Submit Plan for Institutional Controls to Regulatory Agencies for review/approval (by August 31):
  - Submittal date will require modification if the Plan scope is changed from that described in the Schedule for Submittal of Deliverables;
- o Landfill property boundary survey (by mid July);
- o Complete design and construction of Project Support Zone (by early August);
- o Continue property access negotiations for Phase I facilities (ongoing):
  - West system monitoring well locations established as highest priority,
  - East system monitoring well locations established as second priority,
  - South system monitoring well locations cannot be identified (and property access negotiated) until completion of the upper aquifer verification study;
- o Complete selection process for drilling contractor (by early July);
- o Complete selection process for analytical laboratory (by late August);
- o Commence/complete mobilization to site for Phase I construction activities (by end of August):
  - Drilling contractor(s) will require up to 30 days for mobilization,
  - Drilling contractor(s) will not be mobilized until written approval to initiate drilling activities is provided by the Regulatory Agencies;

- o Commence upper aquifer verification study (by late August):
  - Startup within two weeks of drilling contractor(s) mobilization,
  - Anticipate three weeks to complete study,
  - Specific locations contingent on property access;
- o Commence Phase I monitoring well construction (by late August):
  - Tentative, contingent on Regulatory Agency written approval to initiate drilling activities.

### **3.0 ENCOUNTERED/ANTICIPATED PROBLEMS**

No problems were encountered in commencing or completing remedial activities during the second quarter 1989; all submittal deadlines were met and Phase I Remedial Action design activities are progressing on schedule (per Phase I schedule contained within Schedule for Submittal of Deliverables). Some potential problems have been identified which may impact the schedule for commencing Phase I construction activities during the next reporting period. These potential problems include:

- o Potential delay in driller mobilization if Regulatory Agency approval to initiate drilling activities is not received by July 31 (per Schedule for Submittal of Deliverables);
- o Potential delay in obtaining access to proposed monitoring well sites located on property not owned by Spokane County; and
- o Potential delay in obtaining utility hookups for the Project Support Zone (primarily electricity).

Available information does not indicate that these activities are presently behind schedule. However, implementation of these activities requires the cooperation or approval of other parties, placing final resolution outside the control of Spokane County and their consultant.

\* \* \* \* \*

The intent of this progress report is to describe the major Remedial Action activities commenced or completed during the reporting period, anticipated (to be commenced or completed) during the next reporting period, and any problems encountered or anticipated. As such, there are many secondary and peripheral activities associated with these major tasks that are not described herein. If clarification is required for any of the activities described in this progress report, or if additional information is desired for secondary or peripheral activities, please contact me, or Dean Fowler (Spokane County).

Very truly yours,

LANDAU ASSOCIATES, INC.

By:

  
Lawrence D. Beard, P.E.

LDB/jlg  
No. 124-01.6

cc: Mr. Mike Blum  
Washington State Department of Ecology  
Mr. Dean Fowler  
Spokane County